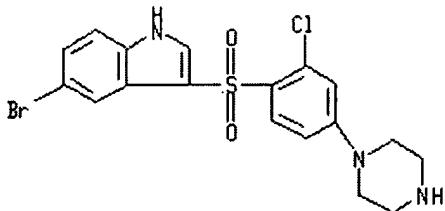


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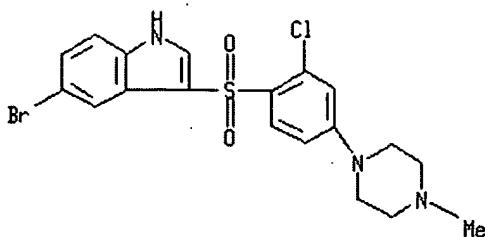
L7 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 683204-46-8 REGISTRY
 ED Entered STN: 19 May 2004
 CN 1H-Indole, 5-bromo-3-[[2-chloro-4-(1-piperazinyl)phenyl]sulfonyl]- (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 5-Bromo-3-(2-chloro-4-piperazinylbenzenesulfonyl)-1H-indole
 FS 3D CONCORD
 MF C18 H17 Br Cl N3 O2 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 683204-11-7 REGISTRY
 ED Entered STN: 19 May 2004
 CN 1H-Indole, 5-bromo-3-[[2-chloro-4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 5-Bromo-3-[2-chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride
 MF C19 H19 Br Cl N3 O2 S . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (683204-45-7)



HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 FULL SCREEN SEARCH COMPLETED - 20511 TO ITERATE

100.0% PROCESSED 20511 ITERATIONS 73 ANSWERS
 SEARCH TIME: 00.00.01

L8 73 SEA SSS FUL L6

=> file caplus			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
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FULL ESTIMATED COST	169.31	410.15	
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	ENTRY	SESSION	
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=> s 18
 L9 1 L8

=> d 19 bib abs hitstr

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

Full Text

AN 2004:354787 CAPLUS

DN 140:375188

TI Preparation of 4-piperazinylbenzenesulfonylindoles as 5-HT6 receptor agonists

IN Clark, Robin Douglas; Harris, Ralph New, III; Repke, David Bruce

PA F. Hoffmann-La Roche A.-G., Switz.

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

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PI	WO 2004035047	A1	20040429	WO 2003-EP11323	20031013
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	US 2004087593	A1	20040506	US 2003-687091	20031016
PRAI	US 2002-419369P	P	20021018		
OS	MARPAT 140:375188				
GI					

APPS

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein R1, R2 = independently H, halo/alkyl, aryl, acyl, halo, NO₂, carbonyl/amino, CN, OH and derivs., alkylthio, arylthio, thiol, aminocarbonyl; R3, R4 = independently H, halo, aryl/alkyl, acyl, aryl; n = 0-4; R6 = independently H, alkyl, alkoxy, halo; R7, R8 = independently H, alkyl; R9 = H, aryl/alkyl; their individual isomers, racemic or non-racemic mixt. of isomers, their prodrugs, pharmaceutically acceptable salts and solvates] were prep'd. as claimed 5-HT6 receptor agonists for treating central nervous system and gastrointestinal tract diseases, and obesity. For example, II was prep'd. in two steps by acylation of 5-fluoroindole with 4-chlorobenzenesulfonyl chloride in toluene, and reaction with piperazine in DMSO. Selected I were tested and detd. to be selective 5-HT6 antagonists [sic] with pKi values in the range of 9.0 to 9.61.

IT 683203-76-1P, 5-Fluoro-1-(4-piperazinylbenzenesulfonyl)-1H-indole
 683203-78-3P, 2-(4-Piperazinylbenzenesulfonyl)-1H-indole
 683203-81-8P, 5-Bromo-3-(4-piperazinylbenzenesulfonyl)-1H-indole
 683203-85-2P, 4-Bromo-1-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-86-3P, 5-Methoxy-1-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride
 683203-87-4P, 1-(4-Piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-88-5P, 5-Fluoro-1-[(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683203-89-6P, 5-Bromo-1-methyl-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-90-9P, 3-(4-Piperazinylbenzenesulfonyl)-

1H-indole monohydrochloride 683203-91-0P, 5-Bromo-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-92-1P, 3-Chloro-5-methoxy-2-methyl-1-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-93-2P, 1-Methyl-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-94-3P, 6-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-95-4P, 4-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-96-5P, 5-Methoxy-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-97-6P, 5-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-98-7P, 7-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683203-99-8P, 6-Chloro-1-methyl-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-00-4P, 3-[4-(4-Methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-01-5P, 7-Bromo-3-[4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-02-6P, 7-Bromo-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-03-7P, 6-Bromo-3-[4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-04-8P, 5-Iodo-3-[4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-05-9P, 4-Bromo-3-[4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-06-0P, 4-Bromo-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-07-1P, 5-Iodo-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-08-2P, 6-Bromo-3-(4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-09-3P, 3-(2-Chloro-4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-10-6P, 3-(3-Chloro-4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-11-7P, 5-Bromo-3-[2-chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-12-8P, 5-Bromo-3-(2-chloro-4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-13-9P, 5-Chloro-3-(3-chloro-4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-14-0P, 5-Chloro-3-[3-chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-15-1P, 3-[3-Chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-16-2P, 5-Bromo-3-[3-chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-17-3P, 5-Bromo-3-(3-chloro-4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-18-4P, 5-Chloro-3-(2-chloro-4-piperazinylbenzenesulfonyl)-1H-indole monohydrochloride 683204-19-5P, 5-Chloro-3-[2-chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-20-8P, 3-[2-Chloro-4-(4-methylpiperazin-1-yl)benzenesulfonyl]-1H-indole monohydrochloride 683204-21-9P, 4-Bromo-1-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-22-0P, 5-Methoxy-1-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-23-1P, 1-(4-Piperazinylbenzenesulfonyl)-1H-indole 683204-24-2P, 3-Chloro-5-methoxy-2-methyl-1-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-25-3P, 3-(4-Piperazinylbenzenesulfonyl)-1H-indole 683204-26-4P, 1-Methyl-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-27-5P, 6-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-28-6P, 4-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-29-7P, 5-Methoxy-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-30-0P, 5-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-31-1P, 7-Chloro-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-32-2P, 6-Chloro-1-methyl-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-36-6P, 7-Bromo-3-(4-piperazinylbenzenesulfonyl)-1H-indole 683204-37-7P, 6-Bromo-3-[4-(4-methylpiperazin-1-

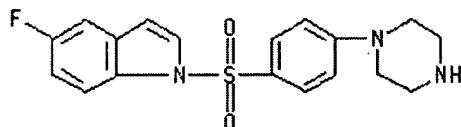
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(5-HT6 receptor agonist; prepn. of piperazinylbenzenesulfonylindoles as 5-HT6 receptor agonists)

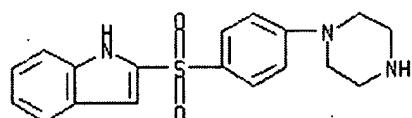
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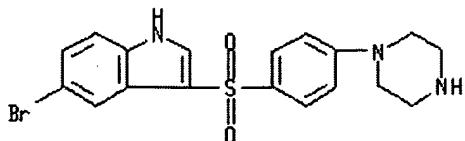
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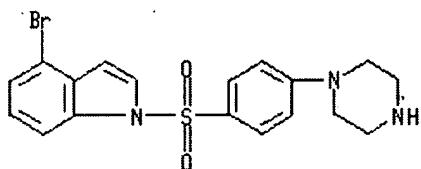


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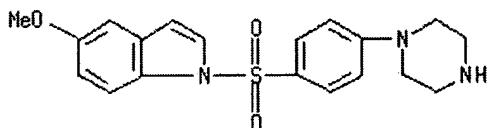


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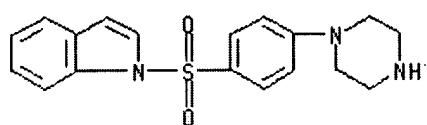
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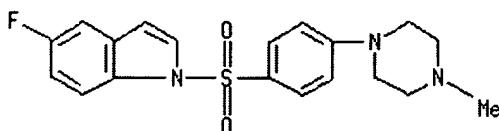
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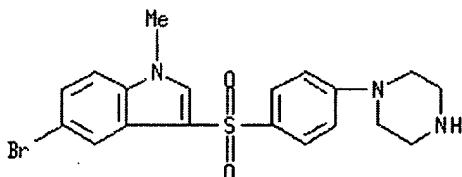
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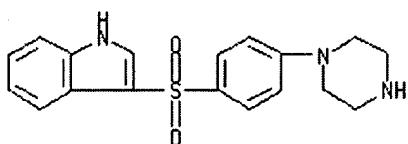
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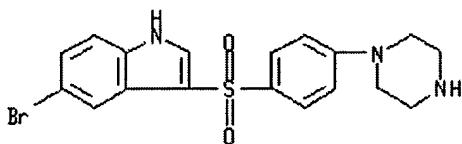
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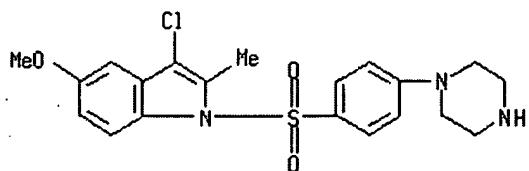
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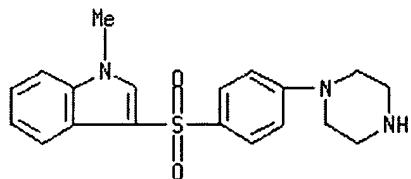
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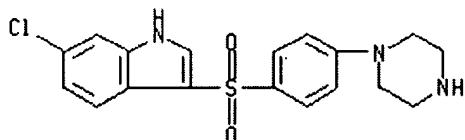
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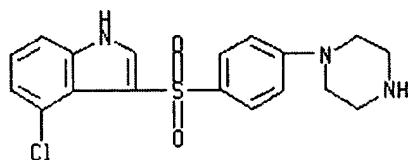
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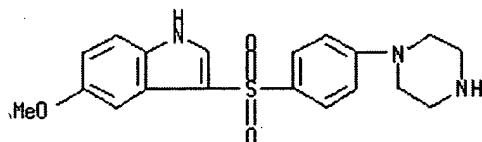
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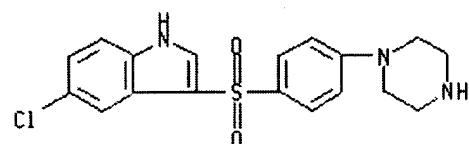
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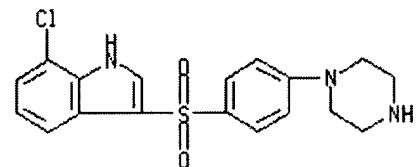
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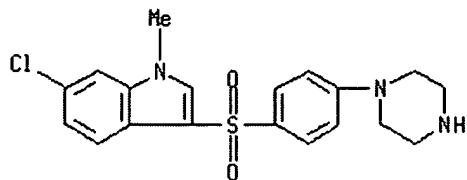
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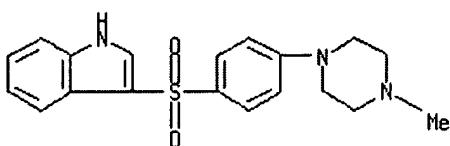
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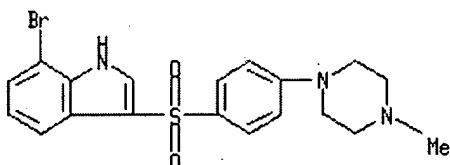
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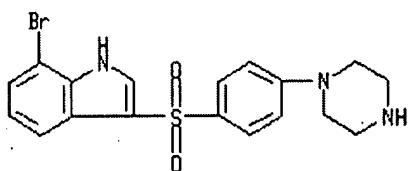
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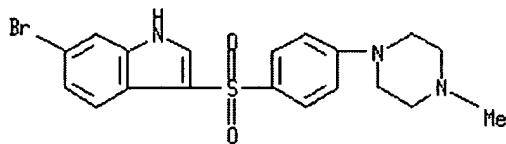
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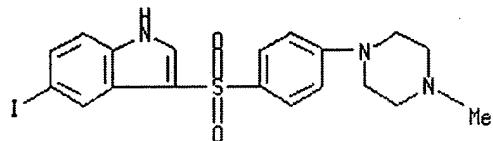
CN 1H-Indole, 6-bromo-3-[[4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-04-8 CAPLUS

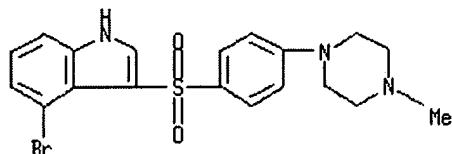
CN 1H-Indole, 5-iodo-3-[[4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-05-9 CAPLUS

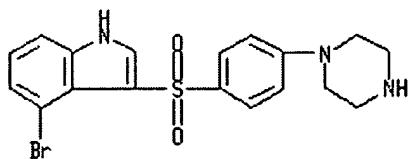
CN 1H-Indole, 4-bromo-3-[[4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

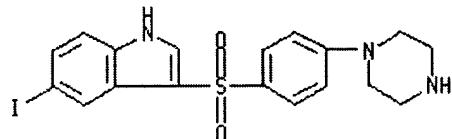
RN 683204-06-0 CAPLUS

CN 1H-Indole, 4-bromo-3-[[4-(1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



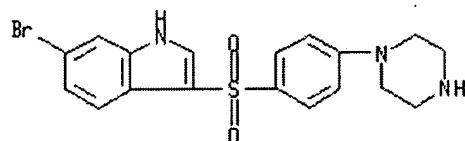
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RN 683204-07-1 CAPLUS
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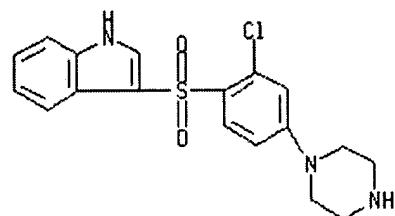
HCl

RN 683204-08-2 CAPLUS
 CN 1H-Indole, 6-bromo-3-[(4-(1-piperazinyl)phenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



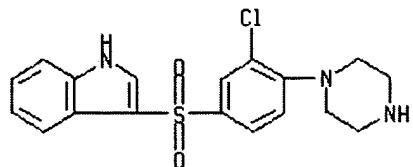
HCl

RN 683204-09-3 CAPLUS
 CN 1H-Indole, 3-[(2-chloro-4-(1-piperazinyl)phenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



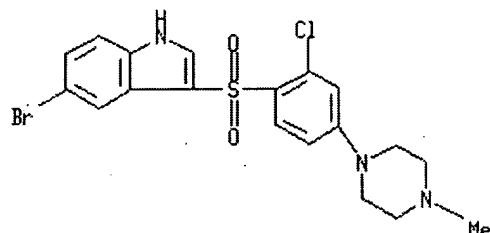
HCl

RN 683204-10-6 CAPLUS

CN 1H-Indole, 3-[[3-chloro-4-(1-piperazinyl)phenyl]sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)

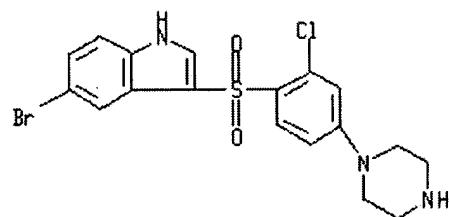
HCl

RN 683204-11-7 CAPLUS

CN 1H-Indole, 5-bromo-3-[[2-chloro-4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)

HCl

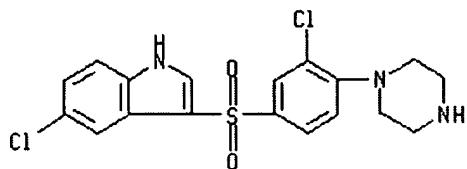
RN 683204-12-8 CAPLUS

CN 1H-Indole, 5-bromo-3-[[2-chloro-4-(1-piperazinyl)phenyl]sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 683204-13-9 CAPLUS

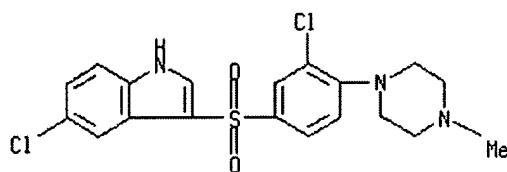
CN 1H-Indole, 5-chloro-3-[[3-chloro-4-(1-piperazinyl)phenyl]sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-14-0 CAPLUS

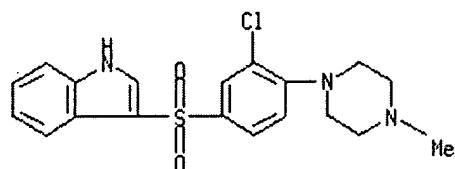
CN 1H-Indole, 5-chloro-3-[[3-chloro-4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-15-1 CAPLUS

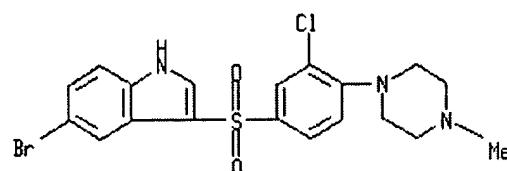
CN 1H-Indole, 3-[[3-chloro-4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-16-2 CAPLUS

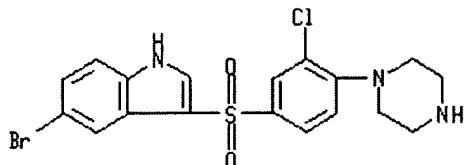
CN 1H-Indole, 5-bromo-3-[[3-chloro-4-(4-methyl-1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-17-3 CAPLUS

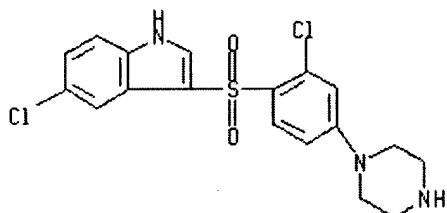
CN 1H-Indole, 5-bromo-3-[(3-chloro-4-(1-piperazinyl)phenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 683204-18-4 CAPLUS

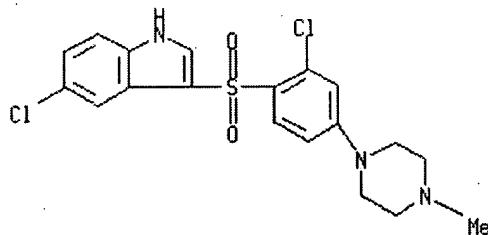
CN 1H-Indole, 5-chloro-3-[[2-chloro-4-(1-piperazinyl)phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HC1

RN 683204-19-5 CAPLUS

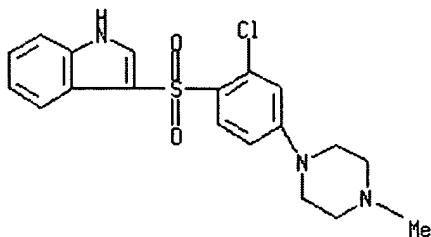
CN 1H-Indole, 5-chloro-3-[(2-chloro-4-(4-methyl-1-piperazinyl)phenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

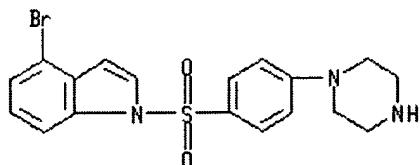
RN 683204-20-8 CAPLUS

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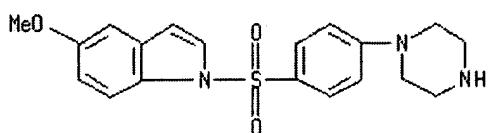


HCl

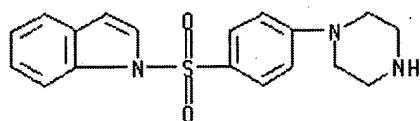
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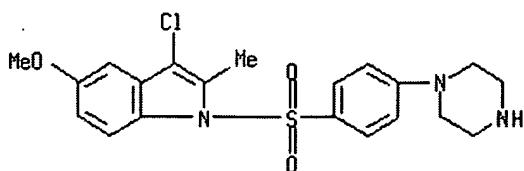
RN 683204-22-0 CAPLUS
 CN 1H-Indole, 5-methoxy-1-[(4-(1-piperazinyl)phenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 683204-23-1 CAPLUS
 CN 1H-Indole, 1-[(4-(1-piperazinyl)phenyl)sulfonyl]- (9CI) (CA INDEX NAME)

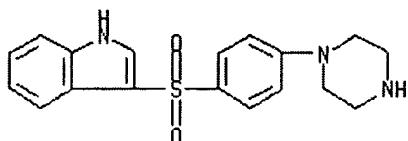


RN 683204-24-2 CAPLUS
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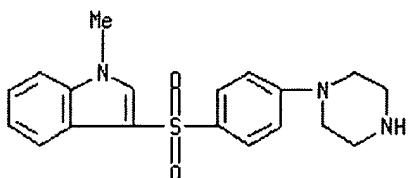
RN 683204-25-3 CAPLUS

CN 1H-Indole, 3-[[4-(1-piperazinyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



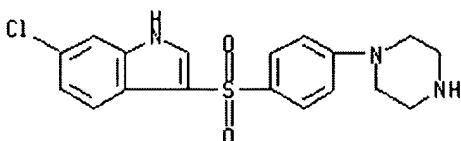
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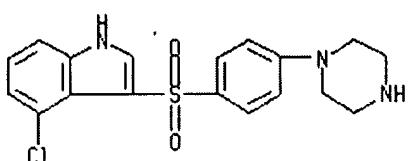
RN 683204-27-5 CAPLUS

CN 1H-Indole, 6-chloro-3-[[4-(1-piperazinyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 683204-28-6 CAPLUS

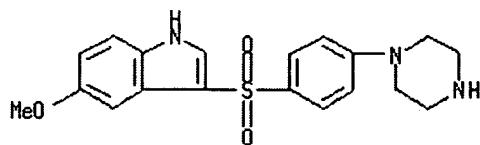
CN 1H-Indole, 4-chloro-3-[[4-(1-piperazinyl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



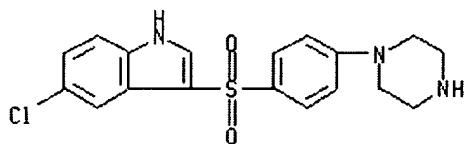
RN 683204-29-7 CAPLUS

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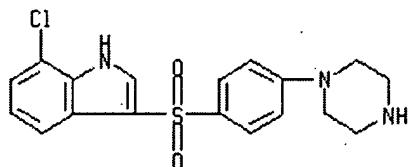
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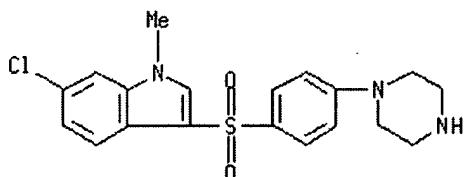
RN 683204-30-0 CAPPLUS

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RN 683204-31-1 CAPPLUS

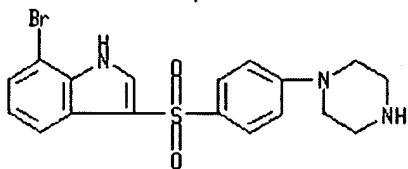
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INDEX NAME)

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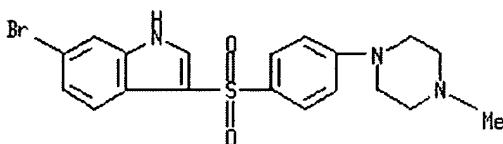
CN 1H-Indole, 6-chloro-1-methyl-3-[[4-(1-piperazinyl)phenyl]sulfonyl]- (9CI)
(CA INDEX NAME)

RN 683204-36-6 CAPPLUS

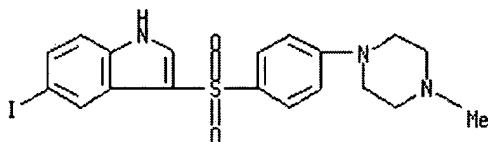
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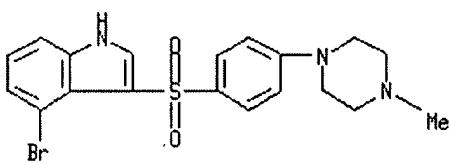
RN 683204-37-7 CAPLUS

CN 1H-Indole, 6-bromo-3-[(4-(4-methyl-1-piperazinyl)phenyl)sulfonyl]- (9CI)
(CA INDEX NAME)

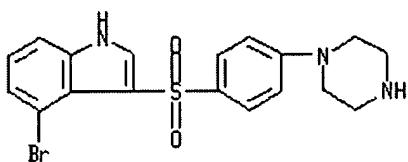
RN 683204-38-8 CAPLUS

CN 1H-Indole, 5-iodo-3-[(4-(4-methyl-1-piperazinyl)phenyl)sulfonyl]- (9CI)
(CA INDEX NAME)

RN 683204-39-9 CAPLUS

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(CA INDEX NAME)

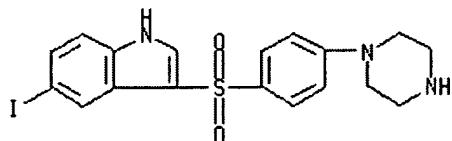
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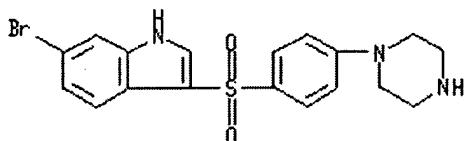
CN 1H-Indole, 5-iodo-3-[(4-(1-piperazinyl)phenyl)sulfonyl]- (9CI) (CA INDEX
NAME)

NAME)



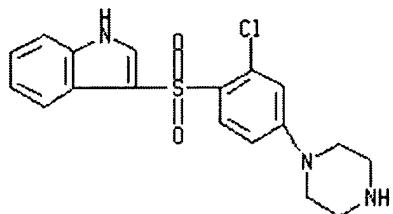
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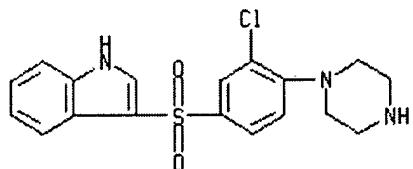
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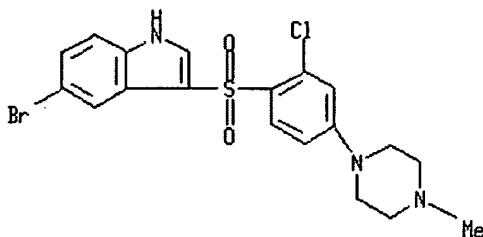
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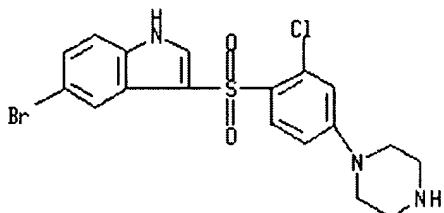


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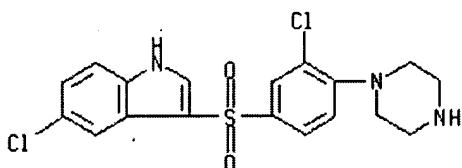
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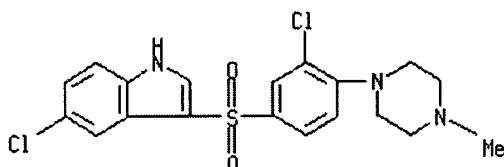
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(CA INDEX NAME)

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(CA INDEX NAME)

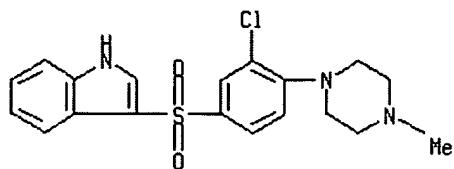
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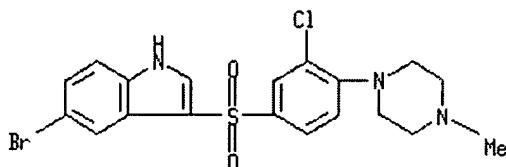
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(CA INDEX NAME)



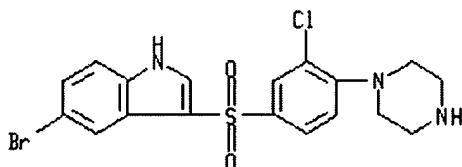
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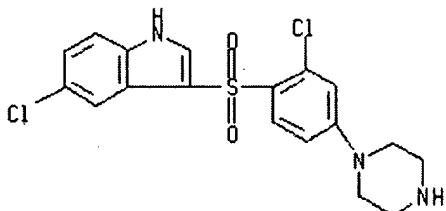
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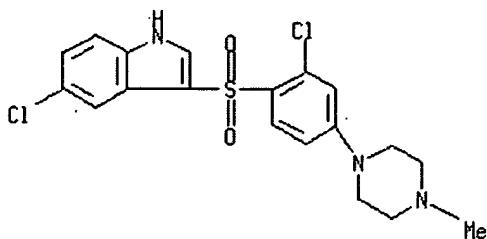
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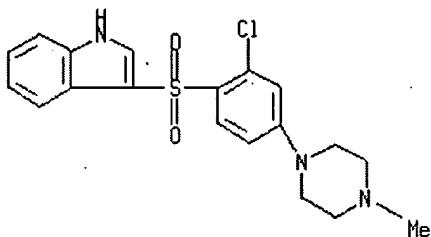


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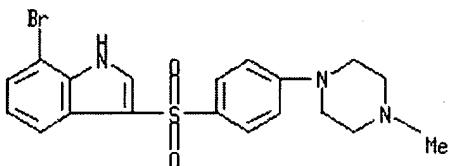
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RN 683204-54-8 CAPLUS

CN 1H-Indole, 3-[(2-chloro-4-(4-methyl-1-piperazinyl)phenyl)sulfonyl]- (9CI)
(CA INDEX NAME)

RN 692726-50-4 CAPLUS

CN 1H-Indole, 7-bromo-3-[(4-(4-methyl-1-piperazinyl)phenyl)sulfonyl]- (9CI)
(CA INDEX NAME)RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L10      0 L8
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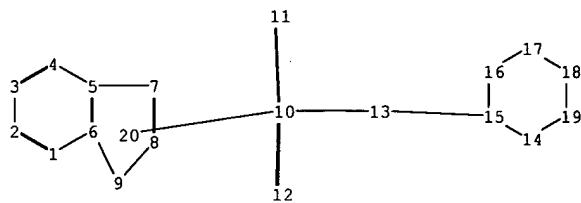
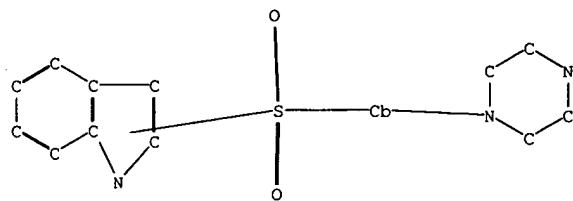
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chain nodes :

10 11 12 13

ring nodes :

1 2 3 4 5 6 7 8 9 14 15 16 17 18 19

chain bonds :

10-11 10-12 10-13 13-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 14-15 14-19 15-16
16-17 17-18 18-19

exact/norm bonds :

6-9 8-9 10-11 10-12 14-15 14-19 15-16 16-17 17-18 18-19

exact bonds :

5-7 7-8 10-13 13-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:CLASS 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom
18:Atom 19:Atom 20:CLASS

Generic attributes :

13:

Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic